WHAT IS CLAIMED IS:

1	1. A recombinantly produced L1 major capsid protein, or antigenic
2	fragment thereof, wherein said protein is capable of reproducing the antigenicity
3	of intact papillomavirus virions.
1	2. The protein of claim 1, wherein said protein is produced in a
2	baculovirus expression system.
1	3. The protein of claim 1, wherein said protein is produced in cos cells.
1	4. A vector comprising the protein of claim 1.
1	5. The vector of claim 4, wherein said vector is pSVL.
1	6. The vector of claim 4, wherein said vector is a baculovirus vector.
1	7. A host comprising the vector of claim 4.
1	8. A host comprising the vector of claim 5.
1	9. A host comprising the vector of claim 6.

1	10. The 1	protein of claim 1, wherein said protein is L1 protein of a
2	human papillomavir	rus selected from the group consisting of HPV 1, 2, 3a, 4,
3	5, 6b, 7, 8, 9, 10,	11a, 12, 13, 16, and 18.
1	11. The p	protein of claim 10, wherein said HPV is 16 or 18.
1	50 ^b 2 >12. A va	ccine for the prevention of papillomavirus infection, said
2	vaccine comprising	at least one PV type of recombinantly produced L1 protein
3	or antigenic fragment thereof, which is capable of reproducing the antigenicity	
4	of intact papillomay	rirus virions.
1 2	13. The v	vaccine of claim 12, further comprising an immunogenic
1 2		vaccine of claim 13, wherein said carrier is bovine serum
2	albumin or keyhole	impet nemocyanii.
1	15. The v	vaccine of claim 12, wherein said vaccine comprises L1
2	protein of HPV 16.	
1	16. The v	vaccine of claim 12, wherein said vaccine comprises L1
2	protein of HPV 18.	

1	17. The vaccine of claim 12, wherein said vaccine comprises L1
2	protein of HPV 16 and HPV 18.
1	18. The vaccine of claim 12, wherein said PV is selected from HPV
2	1, 2, 3a, 4, 5, 6b, 7, 8, 9, 10, 11a, 12, 13, 16 and 18.
1	19. A method for protecting an animal against a papillomavirus
2	infection, said method comprising
3	administering a therapeutically effective amount of a vaccine,
4	wherein said vaccine comprises at least one PV type of recombinantly produced
5	L1 protein, or antigenic fragments thereof, which is capable of reproducing the
6	antigenicity of intact/papillomavirus virions.
1	20. The method of claim 19, wherein said animal is a human.
1	(21. The method of claim 20, wherein said PV is selected from HPV
2	1, 2, 3a, 4, 5, 6b, 7, 8, 9, 10, 11a, 12, 13, 16 and 18.
1	22. The method of claim 21, wherein said HPV is at least one of
2	HPV 16 and 18.
1	23. The method of claim 21, wherein said HPV is at least one of
2	HPV 3a and 10.

	1	24. The method of claim 21, wherein said HPV is at least one of		
	2 .	HPVs 3a, 5, 8, 9, 10 and 12.		
3	1 2	25. The method of claim 21, wherein said HPV is at least one of 1, 2, 4 and 7.		
	1 2	26. The method of claim 21, wherein said HPV is at least one of 6b, 11a, 13 and 16.		
	1	27. A pharmaceutical composition for treating papillomavirus		
	2	infection said composition comprising		
	3	a therapeutic amount of an antibody raised against a recombinantly		
	4	produced L1 protein, or antigenic fragments thereof, capable of reproducing the		
	5	antigenicity of intact papillomavirus virions, in a pharmaceutically acceptable		
	6	carrier, wherein said antibody is kinked to a drug therapy.		
	1	28. The pharmaceutical composition of claim 27, wherein said		
	2	antibody is a monoclonal antibody.		
	1	29. The pharmaceutical composition of claim 28, wherein said		
	2	monoclonal antibody is linked to an antiviral agent.		

1	30. A method for treating a papillomavirus infection in an animal,
2 .	said method comprising
-	administering a therapeutically effective amount of the
•	pharmaceutical composition of claim 27.
1	31. The method of claim 30, wherein said animal is a human.
1	32. The method of claim 31, wherein said PV is selected from HPV
2	1, 2, 3a, 4, 5, 6b, 7, 8, 9, 10, 11a, 12, 13, 16 and 18.
1	33. The method of glaim 32, wherein said HPV is at least one of
2	HPV 16 and 18,
1	34. The method of claim 32, wherien said HPV is at least one of
2	HPV 3a and 10.
1	35. The method of claim 32, wherein said HPV is at least one of
2	HPVs 3a, 5, 8, 9, 10 and 12.
1	36. The method of claim 32, wherein said HPV is at least one of 1,
2	2, 4 and 7.

1	37.	The method of claim 32, wherein said HPV is at least one of 6b,
2 .	11a, 13 and 1	6.
1	38.	An antibody capable of protecting against or treating a
2	papillomaviru	s infection wherein said antibody is raised against a recombinantly
3	produced L1	protein, or antigenic fragments thereof, capable of reproducing the
4	antigenicity o	f intact papillomavirus virions.
1	39.	The antibody of claim 38, wherein said antibody is a monoclonal
2	antibody.	
1	40.	The antibody of claim 39, wherein said antibody is linked to an
2	antiviral agen	t.
		and